

## **Wire-Free Combined Voice Sounder Sensor**

- Analogue/Addressable
- Proprietary sensor
- Unique 1<sup>st</sup> stage audible alert feature, designed for hotels etc
- Programmable Alert message
- Upto Four messages
- 2-Way radio communication
- Typical 3 Year battery life
- Device removal detection
- Range in excess of 250 metres



# **5000 FirePoint**

## **Overview**

Designed and manufactured using the latest techniques including surface mount technology, the combined detector / voice sounder offers easy and quick installation with the added benefit of a lower quantity of physical devices required for a system.

The EMS wire-free voice message evacuation / smoke detection device is a battery operated unit remotely activated and monitored by the system 5000 controller. Each unit has a unique address configured during manufacture and is individually addressable by the system controller. Each unit can produce up to 4 separate fully synchronised, locally stored audio messages. These messages can be triggered either by a standard EMS System 5000 Control panel or a separate Voice evacuation Controller.

The sounder part of the unit consists of its own integral energy source typically lasting 3 years and is remotely activated and monitored by the system 5000 controller.

The detection section of the unit is available with various options, these include optical, heat and combined sensor heads.

The sounder element is designed as omni – directional with an Output of 90 dBA at 1 meter. Making it ideal for hotels, boarding schools and nursing homes where a detector & sounder would be required in each room

The internal polling of the sensor is every 5 seconds, which accelerates to every 2 seconds when traces of smoke or heat are detected. The alarm is then verified twice to ensure freedom from false alarms.

## Specification

|                               |                              |  |
|-------------------------------|------------------------------|--|
| <b>PHYSICAL:</b>              | <b>DIMENSIONS:</b>           | 145 x 90mm   |
|                               | <b>WEIGHT:</b>               | 650g   |
|                               | <b>COLOUR:</b>               | WHITE  |
| <b>ENVIRONMENTAL:</b>         | <b>TEMPERATURE:</b>          | - 10 TO + 85 DEGREES C   |
|                               | <b>HUMIDITY:</b>             | 20 TO 95% RH   |
| <b>OPERATION<br/>OPTIONS:</b> |                              | SENSITIVE THERMISTOR<br>MEASURING ACTUAL<br>TEMPERATURE AND RATE OF RISE<br>CHANGE<br>OPTICAL (LIGHT SCATTERING) |
| <b>SUPPLY:</b>                |                              | INTEGRAL ENERGY SOURCE<br>PROVIDING A TYPICAL 3 YEAR LIFE  |
| <b>OPERATING VOLTAGE:</b>     | <b>TRANSMITTER:</b>          | 5.5 VOLTS  |
|                               | <b>PROCESSOR:</b>            | 3 VOLTS  |
| <b>OPERATING FREQUENCY:</b>   |                              | Transmitter = 173MHz<br>Receiver = 459MHz  |
| <b>CHANNEL SPACING:</b>       |                              | 25KHz  |
| <b>OUTPUT POWER:</b>          |                              | 1 mW ERP   |
| <b>OUTPUTS:</b>               |                              | DETECTOR ALARM<br>DETECTOR FAULT<br>DETECTOR PRE-ALARM<br>DETECTOR TAMPER<br>BATTERY CONDITION<br>CALL IN SIGNAL |
| <b>STANDARDS:</b>             |                              | DESIGNED TO COMPLY WITH<br>BS5839 PART 5 AND<br>EN54 PART 5  |
| <b>ORDERING INFORMATION:</b>  |                              |  |
|                               | Analogue Addressable optical | 53-5196  |
|                               | Muti – sensor                | 53-5195  |
|                               | Heat detector                | 53-5197  |
|                               | Addressable smoke            | 53-5198  |



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### Dealer Information



This product is intended for use within the United Kingdom under the provisions of Directive 199/5/EC.